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Jun 18, 1975

DERWENT-ACC-NO: 1975-41471W

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TITLE: Ophthalmic-nutritional health food - contg. dried milk powder, dried brewers yeast and glucose

PATENT-ASSIGNEE: EVANS S C (EVANI)

PRIORITY-DATA: 1973GB-0004093 (January 26, 1973)

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## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>GB 1397873 A</u>	June 18, 1975		000	

INT-CL (IPC): A23C 9/10

ABSTRACTED-PUB-NO: GB 1397873A ✓

BASIC-ABSTRACT:

An ophthalmic - nutritional health food or pharm. prepn. consisting wholly or in part of dried milk powder (I), dried brewers yeast (II) and glucose. (III), pref. in proportions of 56 pts. (I), 21 pts. (II) and 23 pts. (III), is used for the treatment of eye disorders including cataract and disorders in the ocular media, corneal ulceration, keretitis, corneal opacification, tetinitis, scleritis, iritis cyclitis, conjunctivitis, etc. Compsn. is pref. fixed with water for administration as a drink.

ABSTRACTED-PUB-NO: GB 1397873A

EQUIVALENT-ABSTRACTS:

DERWENT-CLASS: B04 D13

CPI-CODES: B04-B02B; B04-B04K; B04-D01; B12-L04; D03-H01T;

[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)

## PATENT SPECIFICATION

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(51) INT. CL.<sup>8</sup> A23C 9/10(52) Index at acceptance  
A2B 1H 1K 1L

(19)



## (54) OPHTHAEMIC-NUTRITIONAL HEALTH FOOD

(71) I, STANLEY CHARLES EVANS of 21, Alexandra Road North, Lowestoft, Suffolk, British Subject, do hereby declare the invention, for which I pray that a patent may be granted to me, and the method by which it is to be performed, to be particularly described in and by the following statement:—

This invention consists of ophthalmic-nutritional health food for the treatment of eye disorders including cataract and disorders in the ocular media, corneal ulceration, keratitis corneal opacification, retinitis, scleritis, iritis cyclitis, conjunctivitis, choroiditis, glaucoma, trachoma, amblyopia, binocular abnormalities, pathological ocular suppression, strabismus, heterophoria, false-fixation, photoreceptor dysfunction, low amplitude of accommodation convergence insufficiency, early presbyopia, for removing or reducing early myopia and arresting progressive myopia, treatment of light-intolerance, night-blindness, ocular headache eye pain asthenopia and other symptoms of eye discomfort.

The general effect on the body and its functions of each individual ingredient of the preparations covered by this invention is of course known, but the effect on the ocular functions and the various structures composing the mechanism of vision of the combination of the various ingredients has only been revealed by the inventors intensive ophthalmic-nutritional research in Africa, during the past eight years.

The inventor commenced ophthalmic-nutritional research in the etiology and treatment of the various ocular disorders enumerated above some 25 years ago, but the final preparations covered by the present invention have been evolved during the past eight years in Africa where such ocular disorders are very frequent and occurring in patients of all ages. Having evolved these formulae they have now been thoroughly tested in the eye clinics the inventor estab-

lished in Africa, for a number of years, so that their efficiency is well proved and the preparations now ready for general use.

These preparations not only enable cures of these conditions to be obtained in relatively short time, but are being used for the prevention of onset of such conditions, and for the prevention of blindness in Africa.

Nutritional deficiencies in one patient never occur in one nutrient only. There are always parallel nutritional deficiencies, although one deficiency may predominate and give rise to the most outstanding symptom or evidence of nutritional deficiency. For this reason one specific nutritional deficiency may be diagnosed, whilst other nutritional deficiencies may be overlooked. Furthermore, in dealing with the B-Group Vitamins, it has been found that when treating an outstanding deficiency in one vitamin of this Group, a deficiency of another vitamin of this Group which did not exist or which was not evident before commencement of treatment, is created by administering excessive dosage of the vitamin originally thought to be deficient. Thus it is most essential that when treating any apparent deficiency in a Vitamin of the B-Group, any vitamin of this group should not be prescribed in isolation but should be prescribed in combination with all or most of the vitamins of this Group, and in the relative proportions in which the body normally requires them, any excess of the vitamin apparently in deficiency being carefully determined. All these considerations have been carefully taken into account in arriving at the final formulae covered by the present invention. The administration of these preparations have prevented the onset of a number of serious eye disorders and have prevented the onset of blindness as a result.

The present invention has been designed especially to provide in the ophthalmic-nutritional therapy the necessary animal and

vegetable protein and glucose or glutathione. Additional vitamin A, B1, B2, Niacin, D and C may also be provided in this ophthalmic-nutritional health food, without or with other added nutrients. The required proportions of the two proteins and glucose have been determined to ensure the effective treatment and cure of such eye conditions. The preparation may also be supplied with additional calcium, potassium, magnesium or other minerals.

The invention consists of an ophthalmic-nutritional health food comprising at least the three following ingredients in the following proportions, with or without additional vitamins nutrients and/or minerals, viz.

Dried milk powder approximately 56 parts  
Dried Brewers Yeast approximately 21 parts  
Glucose approximately 23 parts.

In one preparation according to this invention the dried milk is 55.81%, the glucose 23.25% and the dried yeast 20.94%. I do not limit myself to this precise proportion, but the relationship between these three main ingredients should be substantially similar to this.

The dried milk may be full cream, or skimmed as required. Moreover, the milk powder may be reinforced full cream by the addition of skimmed so as to provide a controlled amount of fat but with a greater proportion of protein than in normal cows milk without unduly raising the fat content. For convenience of mixing the powder with water the milk may be of the instant type. The above proportions may be varied somewhat when using a reinforced milk powder. Thus for convenience of the patient a suitable dose can be measured by mixing four level large spoons of the ophthalmic-nutritional health food with water thus providing a nutritious and palatable drink. Additional Vitamin C may be added to the

preparation or taken as additional tablets. Alternatively additional vitamin C with or without additional calcium may be dissolved in the water used for preparing the ophthalmic nutritional health food-drink.

Having now described by invention and the manner in which it is to be performed,

#### WHAT I CLAIM IS:—

1. An Ophthalmic-Nutritional Health Food or pharmaceutical preparation consisting wholly or in part of dried milk powder, dried brewers yeast and glucose.

2. An Ophthalmic-Nutritional Health Food or Pharmaceutical preparation for mixing with water to produce a nutritional drink consisting of approximately 56 parts of dried milk powder, 21 parts dried brewers yeast and 23 parts glucose, as claimed in claim 1.

3. An Ophthalmic-Nutritional Health Food or pharmaceutical preparation as claimed in claims 1 and 2 consisting of 55.81% dried milk powder, 23.25% glucose and 20.94% dried yeast powder.

4. An Ophthalmic-Nutritional health food or pharmaceutical preparation as claimed in claims 1, 2 and 3 combined with additional vitamins, nutrients and/or minerals.

5. An Ophthalmic-Nutritional Health food or pharmaceutical preparation as claimed in any of the preceding claims in which the milk powder is reinforced with additional protein.

6. An Ophthalmic-Nutritional Health Food or pharmaceutical preparation as claimed in any of the preceding claims in which the milk powder is of the instant type.

7. An Ophthalmic-Nutritional Health Food or pharmaceutical preparation as claimed in any of the preceding claims in which the milk powder consists of part full cream and part skimmed.

STANLEY CHARLES EVANS.